AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [006] with the following rewritten paragraph:

--Embodiments disclosed herein address the above stated needs by providing a system for generating multiple descriptions of video. In one embodiment, a method for generating multiple descriptions of compressed data comprises generating a quantized bit stream using a reference quantization step; and re-quantizing the quantized bit stream using a first quantization step to generate a first description of compressed data, wherein the first quantization step is determined based on a first required scaling of the reference quantization step. An apparatus for generating multiple descriptions of compressed data comprises means for generating a quantized bit stream using a reference quantization step; and means for re-quantizing the quantized bit stream using a first quantization step to generate a first description of compressed data, wherein the first quantization step is determined based on a first required scaling of the reference quantization step. In the above embodiments, the quantized bit streams may be re-quantized using a second quantization step to generate a second description of compressed data, wherein the second quantization step is determined based on a second required scaling of the reference quantization step.--

Please replace paragraph [0028] with the following rewritten paragraph:

--Figure 2 shows an example system 200 for generation and playback of image sequences based on a multiple description compression system. Generally, a hub 210 generates a compressed bit stream of a relatively high resolution. Here, the compressed data stream may be for the highest possible resolution, hereinafter referred to as an archival compressed bit stream. Hub ~~310~~ 210 outputs the compressed bit stream to a distribution center 220. Distribution center 220 may then output various compressed data of lower resolutions, each catering to a different target application or presentation system 230 for playback. It is to be noted that hub 210 and distribution center 220 may be implemented together. Alternatively, hub 210 and distribution center 220 may be implemented as separate structures or at separate locations. Similarly, distribution center 220 and presentation system 230 may be implemented together. Also similarly, distribution center 220 and presentation system ~~330~~ 230 may be implemented as

separate structures or at separate locations. If hub 210 and distribution center 220 or if distribution center 220 and presentation system 230 are implemented at separate location, data may be transmitted using a wireless medium, a non-wireless medium, a portable storage medium or a combination thereof.--

Please replace paragraph [0030] with the following rewritten paragraph:

--Distribution center ~~400~~ 220 may comprise a server 400 shown in Figure 4 that provides compressed data to presentation system 230. Server 400 may comprise a storage medium 410 and a quantization module 420. Storage medium 410 stores a quantized bit stream received from hub 210 ~~310~~. To generate a description of compressed data, quantization module 420 is configured to re-quantize the quantized bit stream using a quantization step that is based on a required scaling of the reference quantization step. The required scaling of the reference quantization step may depend on the target application. The generated description of compressed data may then be used for playback at presentation system 230.--

Please replace paragraph [0031] with the following rewritten paragraph:

--It should be noted that either one or both encoder 300 and server 400 may also comprise other elements. Figure 5 shows another example of an encoder 500 capable of compressing the input data into multiple descriptions of compressed data. Similar to encoder 300, encoder 500 comprises a quantization module 520 configured to generate a quantized bit stream using a reference quantization step. The reference quantization step may be a quantization step for generating an archival compressed bit stream. Encoder 500 ~~400~~ may also comprise a transform module 510 and a coding module 530. As transform module 310, various mathematical transforms such as, for example, discrete cosine transform (DCT), Hadamard transform and Integer transform, may be used by transform module 510. Transform module 510 therefore generates transform coefficients. Quantization module 520 quantizes the transform coefficients using the reference quantization step to generate a quantized bit stream. Coding module 530 encodes the quantized bit stream to generate a compressed bit stream. In one embodiment, coding module 530 may be a variable length encoder. However, other coders also be used such

as a Golomb coder, Rice Coder, Huffman engine, or other entropy encoders or a combination thereof.--

Please replace paragraph [0034] with the following rewritten paragraph:

--Referring back to Figure 3, presentation system 230 ~~330~~ comprises a decoder that decompresses the received compressed data using a decompression algorithm that is inverse to the compression algorithm used at encoder 300. For example, if compression is based on the DCT and variable length encoding, the image is processed by variable length decoding, inverse quantization and inverse DCT to enable display of the digital image.--